Index of Claims

| App | lication | n/Control | No. |
|-----|----------|-----------|-----|
|-----|----------|-----------|-----|

10/624,463

Examiner

Annette R. Reimers

Applicant(s)/Patent under Reexamination

SOHNGEN ET AL.

Art Unit

3732

| √ | Rejected |
|----|----------|
| 11 | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| • | Postricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| Clain | n | Date | | | | Claim Date | | | | | | | | Claim | | | | | | | | | | | | |
|-------|----------|-----------|-----------|---|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|-------------------------|---|----------------|------------|----------|---|
| Final | Original | 1/6/05 | | | | | | | | | l | Final | Original | | | | | | | | | | Final | Original | | |
| | 1 | ÷ | | | | | | | | | | | 51 | | | | | | | 1 | |] | | 101 | | _ |
| | 2 | + | | | L_ | | L | | | ᆜ | \perp | | 52 | | | _ | | | \perp | \perp | \perp | | | 102 | | _ |
| | 3 | + | | _ | _ | _ | <u> </u> | | _ | | \vdash | | 53 | \Box | 4 | _ | | | _ | _ | - | 4 | | 103 | \dashv | _ |
| | 5 | + | | | _ | _ | <u> </u> | | - | \dashv | - | _ | 54 55 | \dashv | \dashv | + | - | | | + | +- | 4 | | 104 | \vdash | _ |
| | 6 | + | - | - | - | | H | | | \dashv | - | _ | 56 | | + | + | - | \dashv | + | | ┿ | ╣ | | 106 | \vdash | - |
| | 7 | + | | | | | \vdash | | | 一 | \vdash | _ | 57 | \dashv | \dashv | _ | \dashv | 十 | + | + | - | ┪ | | 107 | \vdash | _ |
| | 8 | + | | | | | \vdash | | | \neg | | | 58 | | | | 寸 | | \top | T | T | 1 | | 108 | | _ |
| | 9 | + | | | | | | , | | | | | 59 | | | | | | | 1 | T | 1 | | 109 | | _ |
| | 10 | + | | | | | | | | | | | 60 | | | | | | | | | | | 110 | | _ |
| | 11 | + | | | | | | <u></u> | | _ | <u> </u> | | 61 | | _ | _ | \dashv | 4 | _ | | \perp | 1 | | 111 | 4 | _ |
| | 12 | + | | | | <u> </u> | H | _ | | _ | - | | 62 | | \dashv | \dashv | 4 | | | 4 | + | 4 | | 112 | + | _ |
| | 13 14 | + | | - | _ | \vdash | _ | <u> </u> | | | \vdash | | 63 64 | \vdash | \dashv | \dashv | \dashv | + | + | + | + | - | | 113 114 | \dashv | _ |
| | 15 | + | | | | \vdash | - | - | _ | \dashv | \vdash | | 65 | \dashv | _ | + | - | \dashv | -+ | + | + | ┨ | | 115 | - | _ |
| | 16 | + | | _ | | \vdash | \vdash | \vdash | | ┪ | - | | 66 | H | | + | + | + | -+- | + | + | ┨ | | 116 | + | - |
| | 17 | + | | | | | | | | | | | 67 | | <u> </u> | \dashv | | \dashv | + | \top | \top | 1 | | 117 | | - |
| | 18 | + | | | | | | | | | | | . 68 | | | | T | | 1 | 十 | \top | 1 | | 118 | | _ |
| | 19 | <u>+</u> | | | | | | | | | | | 69 | | | | | | \perp | L | | | | 119 | | |
| | 20 | + | | | | | | | | _ | _ | | 70 | \Box | _ | _ | 4 | \perp | \perp | \perp | $oldsymbol{\perp}$ | 1 | | 120 | | |
| | 21 | + | _ | | | | | _ | | _ | _ | | 71 | \dashv | _ | _ | _ | \perp | \bot | _ | 4 | 4 | | 121 | \perp | _ |
| | 22 23 | + + | | | _ | H | | <u> </u> | | \dashv | _ | | 72 | \dashv | \dashv | \dashv | \dashv | | + | + | + | 4 | ļ | 122 | \dashv | _ |
| | 24 | + | _ | | | \vdash | _ | - | | \dashv | - | | 73 74 | \dashv | \dashv | + | \dashv | | + | + | +- | ┨ | | 123 124 | | _ |
| | 25 | + | \dashv | | _ | \vdash | Н | \vdash | - | ⊣ | - | | 75 | | \dashv | -+ | \dashv | \dashv | + | + | + | ┨ | | 125 | | _ |
| | 26 | + | | | | - | | | | \dashv | | | 76 | | \dashv | \dashv | \dashv | \top | + | + | + | 1 | | 126 | \vdash | - |
| | 27 | + | | | | | | | | | | | 77 | \neg | | \dashv | 寸 | \top | + | + | \top | 1 | | 127 | | _ |
| 2 | 28 | + | | | | | | | | | | | 78 | | | | | | | | | 7 | | 128 | | _ |
| | 29 | + | | | | | | | | | | | 79 | | | | | | \top | \top | \Box |] | | 129 | \Box | _ |
| | 30 | + | | | | | | | | | | _ | 80 | | _ | _ | | _ | ᆚ | \perp | 1 | 1 | | 130 | \perp | |
| | 31 | \dashv | _ | | | | | _ | _ | | \vdash | | 81 | \dashv | - | 4 | _ | 4 | 4 | + | +- | 4 | | 131 | \dashv | _ |
| | 32 33 | - | - | | | | | | | \dashv | - | \dashv | 82 83 | \dashv | \dashv | \dashv | - | + | + | + | + | ┨ | | 132 | \dashv | _ |
| | 34 | + | - | | | | - | | \vdash | \dashv | \vdash | | 84 | \dashv | \dashv | \dashv | \dashv | + | + | + | + | + | | 133 134 | + | _ |
| | 35 | \dashv | \exists | | | | | - | Н | \dashv | \vdash | \dashv | 85 | \vdash | \dashv | \dashv | \dashv | + | + | + | + | 1 | | 135 | + | _ |
| 3 | 36 | \dashv | \exists | | | | | _ | | \neg | | | 86 | | \dashv | 7 | \dashv | \top | \top | 十 | T | 1 | | 136 | + | _ |
| 3 | 37 | | | | | | | | | | | | 87 | | | | | 士 | ⇉ | ╧ | Τ | 1 | | 137 | | _ |
| | 38 | \supset | \Box | | | | | | | | | | 88 | | | | | | | I | $oldsymbol{\mathbb{L}}$ |] | | 138 | \Box | _ |
| | 39 | 4 | _ | | | | Ŀ | _ | _ | _ | L |] | 89 | | \bot | \perp | [| | | | | _ | | 139 | \perp | _ |
| 4 | 10 | - | 4 | | | | | | | \dashv | \vdash | - | 90 | | _ | _ | _ | 4 | 4 | + | + | 4 | \square | 140 | \dashv | _ |
| | 11 12 | \dashv | \dashv | | - | - | \vdash | - | \dashv | | \vdash | | 91 92 | - | \dashv | - | | + | + | + | + | - | | 141 | _ | _ |
| 1 1 2 | 13 | \dashv | | | _ | - | \vdash | | - | \dashv | \vdash | \dashv | 93 | | \dashv | | \dashv | + | + | + | +- | - | $\vdash\vdash$ | 142 143 | + | - |
| | 14 | \dashv | - | | | | | - | | \dashv | \vdash | \dashv | 94 | + | \dashv | \dashv | \dashv | + | + | + | +- | 1 | \vdash | 144 | \dashv | _ |
| | 15 | \dashv | | | | | Н | | \neg | \dashv | \vdash | \dashv | 95 | | \dashv | \dashv | 7 | 十 | + | \top | + | 1 | | 145 | + | - |
| 4 | 16 | | | | | | | | | | | | 96 | | | | \dashv | + | \top | | | 1 | | 146 | \dashv | _ |
| | 17 | \Box | | | | | | | | | | | 97 | | | | | | | Ι | | | | 147 | \Box | _ |
| | 18 | \perp | ļ | _ | | | | Щ | _] | _ | | | 98 | \Box | 耳 | _[| \Box | \perp | | I | | 1 | | 148 | | _ |
| | 19 | \dashv | | _ | _ | | | | 4 | _ | <u> </u> | _ | 99 | \dashv | \dashv | _ | 4 | _ | \bot | \bot | \bot | 4 | <u> </u> | 149 | \dashv | _ |
| | 50 | | | | | | | L | | | L_ | | 100 | | | | | L | 丄 | 丄 | | J | | 150 | | _ |

| Image: Sign of the control o | Cla | aim | Date | | | | | | | | | | | |
|---|---------------|------------|------|----------|--|--|--------------|--------------|----------|--------------|----------|--|--|--|
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | | | - | | | Π | | | | | П | | | |
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | a | <u>n</u> a | | | | | | | | | | | | |
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 | ᇤ | rig | | l | | | | | | | | | | |
| 102 | _ | 0 | | | | | | | | | | | | |
| 102 | | 101 | | | | _ | \vdash | | | \vdash | Н | | | |
| 103 | | 102 | | <u> </u> | | | \vdash | | | | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 103 | | - | - | | | - | - | - | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 104 | | | - | | \vdash | | - | ┝ | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 105 | | | \vdash | _ | \vdash | - | \vdash | \vdash | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 106 | | | | | - | - | | | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 107 | | | ┢ | - | - | \vdash | \vdash | | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 108 | _ | - | \vdash | \vdash | \vdash | \vdash | ┢ | \vdash | Н | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 109 | - | | <u> </u> | | \vdash | \vdash | \vdash | - | \vdash | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 110 | | | | | - | - | - | | \vdash | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 111 | | - | | \vdash | | | ┢ | - | | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | | | - | \vdash | \vdash | | \vdash | ├ | | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | | ┢┈ | | ├ | _ | _ | ┢ | _ | | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 114 | | - | - | \vdash | , | - | | ├ | | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 115 | | ┢ | ├─ | | \vdash | \vdash | \vdash | | - | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 116 | | - | | | \vdash | ⊢ | ⊢ | \vdash | _ | | | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 117 | | ⊢ | | \vdash | \vdash | ⊢ | ⊢ | ├ | \vdash | | | |
| 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 117 | | ⊢ | _ | ├ | \vdash | \vdash | ⊢ | | - | | | |
| 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 110 | | ┢ | <u> </u> | | - | - | ⊢ | - | - | | | |
| 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 120 | | | <u> </u> | _ | \vdash | \vdash | ⊢ | - | _ | | | |
| 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 120 | | \vdash | - | | - | | ⊢ | | _ | | | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 121 | | \vdash | | _ | - | ⊢ | H | | | | | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 122 | | - | \vdash | | \vdash | | | | \dashv | | | |
| 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 123 | | - | <u> </u> | _ | | - | - | _ | \vdash | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 124 | | _ | | <u> </u> | H | ┝ | | <u> </u> | Н | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 120 | _ | | | | - | ⊢ | _ | | Н | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 120 | _ | | <u> </u> | _ | _ | <u> </u> | | | \dashv | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 127 | | | | _ | - | ├- | <u> </u> | | \vdash | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | - | 120 | | - | _ | _ | - | - | | _ | Ш | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 129 | | | _ | | | | _ | <u> </u> | - | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 130 | | | | | - | | <u> </u> | ⊢ | - | | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 131 | | | | | - | <u> </u> | <u> </u> | L | _ | | | |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 140 | | 132 | | | | | L | <u> </u> | <u> </u> | _ | \dashv | | | |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 140 | | 133 | _ | | | _ | - | <u> </u> | | - | \dashv | | | |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 134 | | | | <u> </u> | | ┞ | <u> </u> | | \dashv | | | |
| 138 139 140 141 142 143 144 145 146 147 148 | | 133 | | | | <u> </u> | | <u> </u> | <u> </u> | | | | | |
| 138 139 140 141 142 143 144 145 146 147 148 | | 130 | | | | <u> </u> | | <u> </u> | | | Н | | | |
| 140 141 142 143 144 145 146 147 148 149 | | 137 | _ | | | _ | | - | | _ | | | | |
| 140 141 142 143 144 145 146 147 148 149 | \rightarrow | 130 | | _ | | | | | | | | | | |
| 141 | | 139 | | | | | _ | | _ | _ | | | | |
| 142 143 144 145 146 147 148 | \rightarrow | | | | - | | Н | <u> </u> | | | \dashv | | | |
| 143 144 145 146 147 148 | | | | | | | \vdash | \vdash | | | \dashv | | | |
| 144 145 146 147 148 149 | | | | | | | Ш | \vdash | _ | <u> </u> | \dashv | | | |
| 145 146 147 148 149 | | | - | H | | | Щ | \vdash | <u> </u> | | \sqcup | | | |
| 146 147 148 149 | | | | | | | Ш | <u> </u> | | | Щ | | | |
| 147 148 149 | | | | Щ | | | Щ | <u> </u> | _ | Щ | Ш | | | |
| 148 149 | | | | | | | | Щ | <u> </u> | | Ц | | | |
| 149 | | | | | | | Ь., | _ | L. | | | | | |
| | | | | | | | | | | | | | | |
| 150 | | | | | | | | | \sqcup | | Ш | | | |
| | | 150 | | | | | L., | | | | | | | |